

## ABSTRACT

A method of preparing a low allergic natural rubber latex which is less likely to cause allergy, comprising adding a protease having an exopeptidase activity to a natural rubber latex and aging  
5 the natural rubber latex, thereby to decompose a protein in the latex to such a degree that the protein and a protein decomposition product, which have a number-average molecular weight of 4500 or more, are not detected; a method of preparing a deproteinized natural rubber latex which is less likely to cause allergy,  
10 comprising adding an alkali protease to a natural rubber latex, thereby to decompose a protein in the latex, adding a protease having an exopeptidase activity, thereby to further decompose the protein and a decomposition product thereof in the latex, and removing the protein and the decomposition product thereof; a low  
15 allergic natural rubber obtained by a decomposition treatment of a protein, wherein the protein and a protein decomposition product, which have a number-average molecular weight of 4500 or more, are not detected; and a deproteinized natural rubber obtained by a decomposition treatment and a removing treatment of a protein,  
20 wherein the content of the protein is 0.02% or less in terms of a nitrogen content, an absorption at  $3280\text{ cm}^{-1}$  is not recognized in an infrared absorption spectrum, and the protein and a protein decomposition product, which have a number-average molecular weight of 4500 or more, are not detected.